## CLAIMS

This listing of Claims will replace all prior versions, and listings, of claims in the application:

1-2. (Canceled.)

3. (Original) A system for automatically downloading radio or protocol personalities over defined channels to a mobile terminal in a wide area network, the system comprising:

an adaptable terminal, a spatial location service for providing geographic location information to said terminal, at least one component repository, and a download server,

the component repository including at least one downloadable component and further including a service template that defines the service attributes of said downloadable component,

said adaptable terminal including a location module in communication with the spatial location service to define the geographic location of the mobile terminal,

the terminal further including a User Agent for locating downloadable components in the defined geographic location using a service request that enumerates the service needs of mode attributes,

the server directory including a listing of service templates of component repositories in a defined geographic location and a Service Agent for communicating with said component depositories and User Agents,

wherein said User Agent queries said Service Agent in the defined geographic location and neighboring locations to locate service components that match the terminals service need attributes such that when a matching component is located said terminal automatically downloads said component to said terminal.

4-5.    (Canceled.)

6.    (New) The system of Claim 3, wherein the service template is machine and human understandable.

7.    (New) The system of Claim 3, wherein the service template further comprises rules for service advertisement attributes.

8.    (New) The system of Claim 3, wherein the service template further comprises a scope list.

9.    (New) The system of Claim 3, wherein the service template further comprises a predicate string.

10.    (New) The system of Claim 3, wherein the service template further comprises a Service Location Protocol string.

11.    (New) The system of Claim 3, wherein the service request further comprises a template.